



Gavita International B.V., based in Oude Meer, The Netherlands, provides advanced horticultural lighting solutions. Through our flagship brand, Agrolux, we deliver solutions, build strong partnerships, and provide reliable services to professional growers worldwide.

Why we exist

We believe in the positive impact of growing produce, flowers, and plants in greenhouses. Our purpose is to partner with growers so we can help them enhance and optimize their greenhouse operations through effective light management.

How we achieve this

We use technological developments, innovation, and data in horticultural technology, software, and lighting to work with researchers, advisors, our suppliers and growers on smarter, more sustainable solutions. Our goal is to help growers continuously improve their operations and achieve better results.

Get in touch with our specialists

☎ +31 297 380 450

✉ info@gavitainternational.com

Gavita International B.V.
Breguetlaan 2
1438 BB Oude Meer
The Netherlands

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Agrolux.com

Date: 04-2026 / Europe



The WEGA Family

Eco, Plus, Max

540 WATT | 760 WATT | 1040 WATT

- **Compact luminaire**
- **Low shading effect**
- **Passive cooling**
- **High output**
- **Superior uniform light distribution**
- **High efficacy**
- **Compact dimming solution**

We grow better together

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SPECIFICATIONS

WEGA Eco



SKU	Input Power (W) ±3%	Spectrum	Optics	PPF Output 400-700 nm (µmol/s)	PF Output 400-800 nm (µmol/s)	PPE at 100% power (µmol/J)	PE at 100% power (µmol/J)	Input Voltage (V) ±10%	Input Current (A) ±10%
HGC906419-01	540	R90G5B5	125°	1900	1900	3,5	3,5	230/400	1.35/2.35
HGC906421-01	540	R90G5B5	150°	1850	1850	3,4	3,4	230/400	1.35/2.35
HGC906422-01	540	R85G10B5	125°	1800	1800	3,3	3,3	230/400	1.35/2.35
HGC906430-01	540	R85G10B5	150°	1750	1750	3,2	3,2	230/400	1.35/2.35
HGC906431-01	540	R80G5B15	125°	1830	1830	3,4	3,4	230/400	1.35/2.35
HGC906432-01	540	R80G5B15	150°	1780	1780	3,3	3,3	230/400	1.35/2.35



All types	Value
Mains Freq	50/60 Hz
Power Factor	> 0.95
Isolation Class	Class I
IP Rating	IP65
THD	< 15%
Inrush Current	< 16 A
Connector	Wieland RST20i3 GN
Dimensions (L x W x H)	32 x 28 x 17.5 cm
Weight	8.7 kg
Temperature Ambient	0 - 35 °C
Light Maintenance (L90)	36000 h

Intended use	
Controlled Environment	Indoor, non-stacked greenhouse
Lighting Scheme	Horizontal, Top Light use, Sole source or supplemental
Dimming Communication*	ModBus RTU, Horti Led Protocol (HLP), 0-10V (ANSI C137.1 (9V)), (IEEE1901.1 power inlet)
Dimming Range*	100% - 30%

*with PLC transmitter

SPECIFICATIONS

WEGA Plus Single Channel



SKU	Input Power (W) ±3%	Efficacy	Spectrum	Optics
HGC906504-01	760	Standard	R90G5B5	125°
HGC906561-01	760	Standard	R90G5B5	150°
HGC906564-01	760	Standard	FR5R85G5B5	150°
HGC906505-01	760	High Efficiency	R90G5B5	125°
HGC906562-01	760	High Efficiency	R90G5B5	150°
HGC906565-01	760	Standard	R60G22B18	125°

	PPF Output 400-700 nm (μmol/s)	PF Output 400-800 nm (μmol/s)	PPE at 100% power (μmol/J)	PE at 100% power (μmol/J)	Input Voltage (V) ±10%	Input Current (A) ±10%
HGC906504-01	2650	2650	3,5	3,5	230/400	3.3/1.9
HGC906561-01	2600	2600	3,42	3,42	230/400	3.3/1.9
HGC906564-01	2470	2600	3,25	3,42	230/400	3.3/1.9
HGC906505-01	2900	2900	3,8	3,8	230/400	3.3/1.9
HGC906562-01	2850	2850	3,75	3,75	230/400	3.3/1.9
HGC906565-01	2400	2400	3,15	3,15	230/400	3.3/1.9

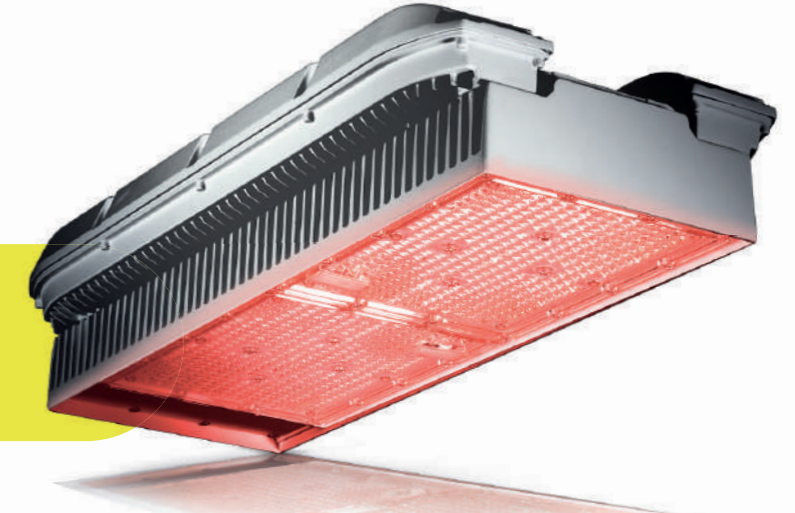
All types	Value
Mains Freq	50/60 Hz
Power Factor	> 0.95
Isolation Class	Class I
IP Rating	IP65
THD	< 15%
Inrush Current	< 25 A
Connector	Wieland RST20i3 GN
Dimensions (L x W x H)	62 x 27 x 12 cm
Weight	13.4 kg
Temperature Ambient	0 - 35 °C
Light Maintenance (L90)	36000 h

Intended use	
Controlled Environment	Indoor, non-stacked greenhouse
Lighting Scheme	Horizontal, Top Light use, Sole source or supplemental
Dimming Communication*	ModBus RTU, Horti Led Protocol (HLP), 0-10V (ANSI C137.1 (9V)), (IEEE1901.1 power inlet)
Dimming Range*	100% - 30%

*with PLC transmitter

SPECIFICATIONS

WEGA Plus Dual Channel



SKU	HGC906506-01	HGC906509-01	HGC906468-01
Input Power (W) ±3%	760	760	760
Efficacy	Standard	High Efficiency	Standard
Spectrum	R90G5B5+FR10	R90G5B5+FR10	R90G5B5+B10
PPF Output 400-700 nm (PAR ON / FR OFF) (μmol/s)	2650	2860	2620
PF Output 400-800 nm (PAR ON / FR OFF) (μmol/s)	2650	2860	2620
PPF Output 400-700 nm (PAR ON / FR ON) (μmol/s)	2450	2600	2640
PF Output 400-800 nm (PAR ON / FR ON) (μmol/s)	2720	2890	2640
PF Output 400-800 nm (PAR OFF / FR ON) (μmol/s)	270	290	270
PPE (PAR ON / FR OFF) (μmol/J)	3,5	3,76	3,5
PE (PAR ON / FR OFF) (μmol/J)	3,5	3,76	3,5
PPE (PAR ON / FR ON) (μmol/J)	3,22	3,42	3,4
PE (PAR ON / FR ON) (μmol/J)	3,6	3,8	3,4
PE (PAR OFF / FR ON) (μmol/J)	3,3	3,35	3,4
Input Voltage (V) ±10%	400	400	347/400
Input Current (A) ±10%	1.9	1.9	2.2/1.9

All types	Value
Mains Freq	50/60 Hz
Power Factor	> 0.95
Isolation Class	Class I
IP Rating	IP65
THD	< 15%
Inrush Current	< 36 A
Connector	Wieland RST20i3 GN
Dimensions (L x W x H)	56 x 33 x 14 cm
Weight	13.4 kg
Temperature Ambient	0 - 35 °C
Optics	125°
Light Maintenance (L90)	36000 h

Intended use	
Controlled Environment	Indoor, non-stacked greenhouse
Lighting Scheme	Horizontal, Top Light use, Sole source or supplemental
Dimming Communication*	ModBus RTU, Horti Led Protocol (HLP), 0-10V (ANSI C137.1 (9V)), (IEEE1901.1 power inlet)
Dimming Range*	100% - 30%

*with PLC transmitter

SPECIFICATIONS

WEGA Max Single Channel



SKU	HGC906541-01	HGC906450-02	HGC906543-01
Input Power (W) ±3%	1040	1040	1040
Efficacy	Standard	High Efficiency	High Efficiency
Spectrum	R90G5B5	R90G5B5	R90G5B5
Optics	125°	125°	125°
PPF Output 400-700 nm (μmol/s)	3650	4000	3950
PF Output 400-800 nm (μmol/s)	3650	4000	3950
PPE (at 100% power) (μmol/J)	3,5	3,85	3,8
PE (at 100% power) (μmol/J)	3,5	3,85	3,8
Input Voltage (V) ±10%	347/400	347/400	230
Input Current (A) ±10%	3.3/2.8	3.0/2.6	4.53

All types	Value
Mains Freq	50/60 Hz
Power Factor	> 0.95
Isolation Class	Class I
IP Rating	IP65
THD	< 15%
Inrush Current	< 30 A
Connector	Wieland RST20i3 GN
Dimensions (L x W x H)	56 x 33 x 14 cm
Weight	15.7 kg
Temperature Ambient	0 - 35 °C
Light Maintenance (L90)	36000 h

Intended use	
Controlled Environment	Indoor, non-stacked greenhouse
Lighting Scheme	Horizontal, Top Light use, Sole source or supplemental
Dimming Communication*	ModBus RTU, Horti Led Protocol (HLP), 0-10V (ANSI C137.1 (9V)), (IEEE1901.1 power inlet)
Dimming Range*	100% - 30%

*with PLC transmitter

SPECIFICATIONS

WEGA Max Dual Channel



SKU	HGC906472-02	HGC906476-02
Input Power (W) ±3%	1040	1040
Efficacy	Standard	High Efficiency
Spectrum	R90G5B5+FR10	R90G5B5+FR10
PPF Output 400-700 nm (PAR ON / FR OFF) (μmol/s)	3650	3950
PF Output 400-800 nm (PAR ON / FR OFF) (μmol/s)	3650	3950
PPF Output 400-700 nm (PAR ON / FR ON) (μmol/s)	3360	3600
PF Output 400-800 nm (PAR ON / FR ON) (μmol/s)	3740	4010
PF Output 400-800 nm (PAR OFF / FR ON) (μmol/s)	380	410
PPE (PAR ON / FR OFF) (μmol/J)	3,5	3,8
PE (PAR ON / FR OFF) (μmol/J)	3,5	3,8
PPE (PAR ON / FR ON) (μmol/J)	3,25	3,45
PE (PAR ON / FR ON) (μmol/J)	3,6	3,85
PE (PAR OFF / FR ON) (μmol/J)	3,6	3,6
Input Voltage (V) ±10%	347/400	400
Input Current (A) ±10%	3.0/2.6	2.6

All types	Value
Mains Freq	50/60 Hz
Power Factor	> 0.95
Isolation Class	Class I
IP Rating	IP65
THD	< 15%
Inrush Current	< 25 A
Connector	Wieland RST20i3 GN
Dimensions (L x W x H)	56 x 33 x 14 cm
Weight	16.5 kg
Temperature Ambient	0 - 35 °C
Optics	125°
Light Maintenance (L90)	36000 h

Intended use	
Controlled Environment	Indoor, non-stacked greenhouse
Lighting Scheme	Horizontal, Top Light use, Sole source or supplemental
Dimming Communication*	ModBus RTU, Horti Led Protocol (HLP), 0-10V (ANSI C137.1 (9V)), (IEEE1901.1 power inlet)
Dimming Range*	100% - 30%

*with PLC transmitter